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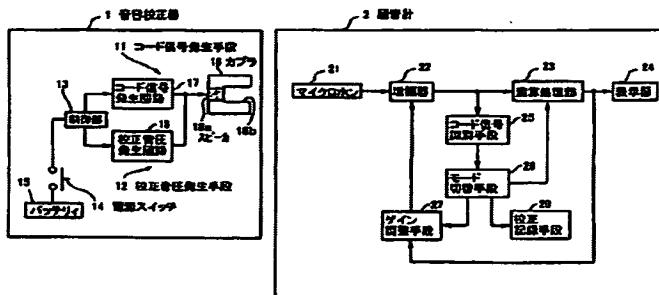
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(54) Title: AUTOMATIC CALIBRATION METHOD OF SOUND LEVEL METER AND ITS SYSTEM

(54)発明の名称: 騒音計自動校正方法及びそのシステム



1.. ACOUSTIC CALIBRATOR  
11.. CODE SIGNAL GENERATING MEANS  
12.. CALIBRATED SOUND PRESSURE  
GENERATING MEANS  
13.. CONTROL SECTION  
14.. POWER SWITCH  
15.. BATTERY  
16.. COUPLER  
16a.. SPEAKER  
17.. CODE SIGNAL GENERATING CIRCUIT

16.. CALIBRATED SOUND PRESSURE  
GENERATING CIRCUIT  
2.. SOUND LEVEL METER  
21.. MICROPHONE  
22.. AMPLIFIER  
23.. PROCESSING SECTION  
24.. INDICATOR  
25.. CODE SIGNAL IDENTIFYING MEANS  
26.. MODE SWITCHING MEANS  
27.. GAIN REGULATING MEANS  
28.. CALIBRATION RECORDING MEANS

(57) Abstract: An automatic calibration method of a sound level meter and its system in which calibration of a sound level meter can be carried out accurately and reliably. In the system for calibrating the sound level meter (2) automatically by means of an acoustic calibrator (1), the acoustic calibrator (1) comprises a means (11) for generating a code signal by sound, and a means (12) for generating a calibrated sound pressure, and the sound level meter (2) comprises a means (25) for identifying the code signal, a means (26) for making a switch to a calibration mode based on a code signal identified by the code signal identifying means (25), a means (27) for regulating the gain of an amplifier (22) such that an indicated value in the calibration mode corresponds to the level of a calibrated sound pressure, and a means (28) for recording the date of calibration, the calibrated sound pressure, the type and production number of the acoustic calibrator (1), and the like.

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